

Infrastructure Committee

***REVISED 09-03-2013**

AGENDA

Jefferson County Courthouse
320 S. Main Street, Room 112
Jefferson, WI 53549
September 4, 2013

9:00 a.m.

Committee Members

Richard Jones, Rick Kuhlman, Vice Chair, Russell Kutz, Don Reese, Chair, Dick Schultz, Secretary

1. Call to order
2. Roll call
3. Certification of compliance with the Open Meetings Law
4. Review of the Agenda
5. Public Comment
6. Approval of the August 7, 2013 Infrastructure Committee meeting minutes
7. Update on demolition of Old Countryside Home
8. Discussion and possible action on bids for replacement of 5 air conditioners at the Hillside building
9. ***Recommend awarding bid for Hillside Roof**
10. ***Recommend awarding bid for 24 Region workstations**
11. Discussion of 2014 Human Services Requested Capital Projects
12. Discussion of 2014 Central Services Requested Capital Projects
13. ***Discussion of 2014 MIS Requested Capital Projects**
14. Status report on the courthouse security entrance project
15. Discussion and possible action on the removal of trees located near the Center Street parking lot
16. Update on Sheriff Annex building
17. Discussion and possible action on fiber expansion
18. Discussion and possible action on new county highway facility
19. Potential items for the Committee's next meeting
20. Set tentative next committee meeting time and date
21. Adjourn

2013		
October 2 nd	November 6 th	December 4 th

All meetings in Room 112 at 8:30 a.m. unless noted

The Committee may discuss and/or take action on any item specifically listed on the agenda

A quorum of the members of Land and Water Conservation Committee and the Highway Committee may attend this meeting. No action will be taken by these two Committees.

Individuals requiring special accommodations for attendance at the meeting should contact the County Administrator 24 hours prior to the meeting at 920-674-7101 so appropriate arrangements can be made

#6

**Jefferson County Board
Committee Minutes**

**August 13, 2013
Infrastructure Committee**

1. Call to order

Meeting called to order by Supervisor Reese at 6:17 p.m.

2. Roll call of Committee Members

Richard Jones, Russell Kutz, Don Reese and Dick Schultz. Rick Kuhlman – Excused.

Others Present: Ben Wehmeier – County Administrator; John Molinaro – County Board Chairman; Tammie Jaeger – Administrative Secretary; Phil Ristow – Corporation Counsel; Lydia Statz – Reporter, Jefferson Daily Union; Bill Kern – Highway Commissioner; Brian Lamers – Finance Director; Chief Jeffrey Parker; Supervisor Paul Babcock; Ron Bernhagen – GMA Engineers; Sheriff Paul Milbrath; Supervisor Ed Morse.

3. Certification of compliance with the Open Meetings Law

Staff reported that the meeting agenda, revised on August 12, 2013, was properly noticed in compliance with the law.

4. Review of the Agenda

No changes were made.

5. Public Comment

None

6. Approval of the August 7, 2013 Infrastructure Committee meeting minutes

Motion made by Supervisor Schultz; Second by Supervisor Kutz to approve the August 7, 2013 Infrastructure Committee meeting minutes as printed. Ayes-All (Motion Carried).

7. Communications

- Revised Resolution “Authorization to contract for professional services for the construction of a new highway facility
- Resolution #1 – Award Sheriff’s Annex repair contract
- Resolution #2 – Award Sheriff’s Annex repair contract

8. Discussion and possible action to review bid results and make recommendation to the County Board to award contract for Sheriff Annex building project

Two versions of a resolution were provided for the committee to review. Ben Wehmeier discussed the Sheriff Annex building project bids. The bids came in over budget. The Finance Committee met to discuss a Contingency Fund transfer and approved a transfer to cover the base bid plus AB-02(Wall Reinforcement) in the amount of 335,800.

Ron Bernhagen from GMA Engineers discussed the problems with the building and explained why the alternate bids should be considered. Alternate Bids AB-01 – Drain Tile System, AB-02 Wall Reinforcement and AB-03 New Windows were discussed.

Motion made by Supervisor Schultz; Second by Supervisor Jones to award the contract to J.H. Findorff & Sons, Inc. for the base amount of \$332,000 plus \$3,800 for Alternative Bid AB-02 for a total of \$335,800.

Motion made by Supervisor Reese; Second by Supervisor Schultz to recommend that the Finance Committee fund Alternate Bids AB-01 and AB-03 and authorize the County Administrator to approve change orders accepting Alternate Bids AB-01 and AB-03 for a total amount of \$58,800. Ayes-All (Motion Carried).

9. Discussion and possible action on highway facility planning and development

A draft resolution was included in the County Board packet along with a site plan drawing for the highway facility development for the committee to review.

Motion made by Supervisor Jones; Second by Supervisor Kutz to forward this resolution to the County Board for their consideration. Ayes-All (Motion Carried).

10. **Potential items for future Committee meetings**

- Approval of the August 13, 2013 Committee meeting minutes
- Status report on the courthouse security entrance project
- Discussion and possible action on trees in the MIS parking lot.

11. **Set tentative next committee meeting time and date:**

September 4, 2013

12. **Adjourn**

Supervisor Schultz made a motion to adjourn; Second by Supervisor Jones at 6:51 p.m. Ayes – All (Motion Carried).

8, 9, 10

Bid Results for projects at Human Services.

Hillside air conditioning bids

Lake Country Heating and Cooling

\$16,175.00

Jensen Heating

\$17,985.00

24 Region Workstations

Affordable Office Interiors

\$22,691.04

M&M Office Interiors

\$29,141.52

Jonas Office Products

\$33,710.00

Hillside Roofing Project

Royalty Roofing

\$27,735.00

CJ Contracting LLC

\$34,850.00

Nieman Central Wisconsin Roofing Company Inc.

\$41,000.00

Pioneer Roofing

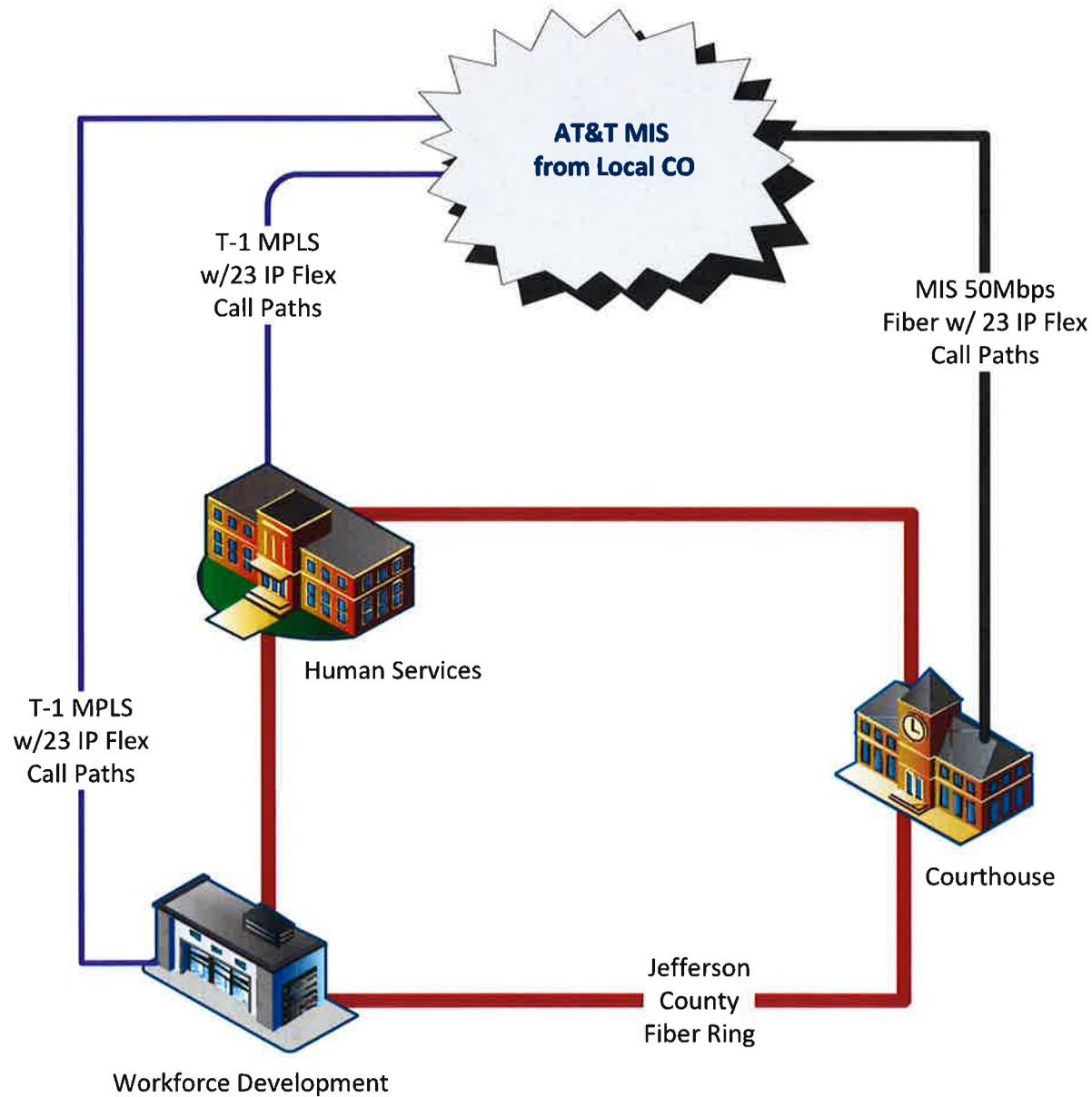
\$43,487.00

2014 Capital Projects

11, 12, 13

Department	Description	Requested Amount
Central Services	Water Main Replacement – Front Entrance	\$24,000
Central Services	Security Cameras – Courts and Additional Hallway	\$35,500
Central Services	Replace Boilers from 1965 with High Efficiency Boilers	\$80,000
Human Services	Replace existing flooring	\$10,000
Human Services	Parking Lot Lighting (Upgrade to LED)	\$30,000
Human Services	Cisco Phone Attendant Console	\$5,700
Human Services	IS Projects	\$103,930
MIS	Server virtualization replacement	\$16,500
MIS	IBM iSeries	\$45,000
MIS	Replace Air Conditioning system in Courthouse Data Center	\$35,000
MIS	Phone System Upgrade	\$30,000

Option #2 - Convert All PRIs to IP Flex (Moderate)



All IP Flex w/ two (2) T-1 MPLS circuits (69 Total Call Paths)

Cost Analysis

Current PRI Costs

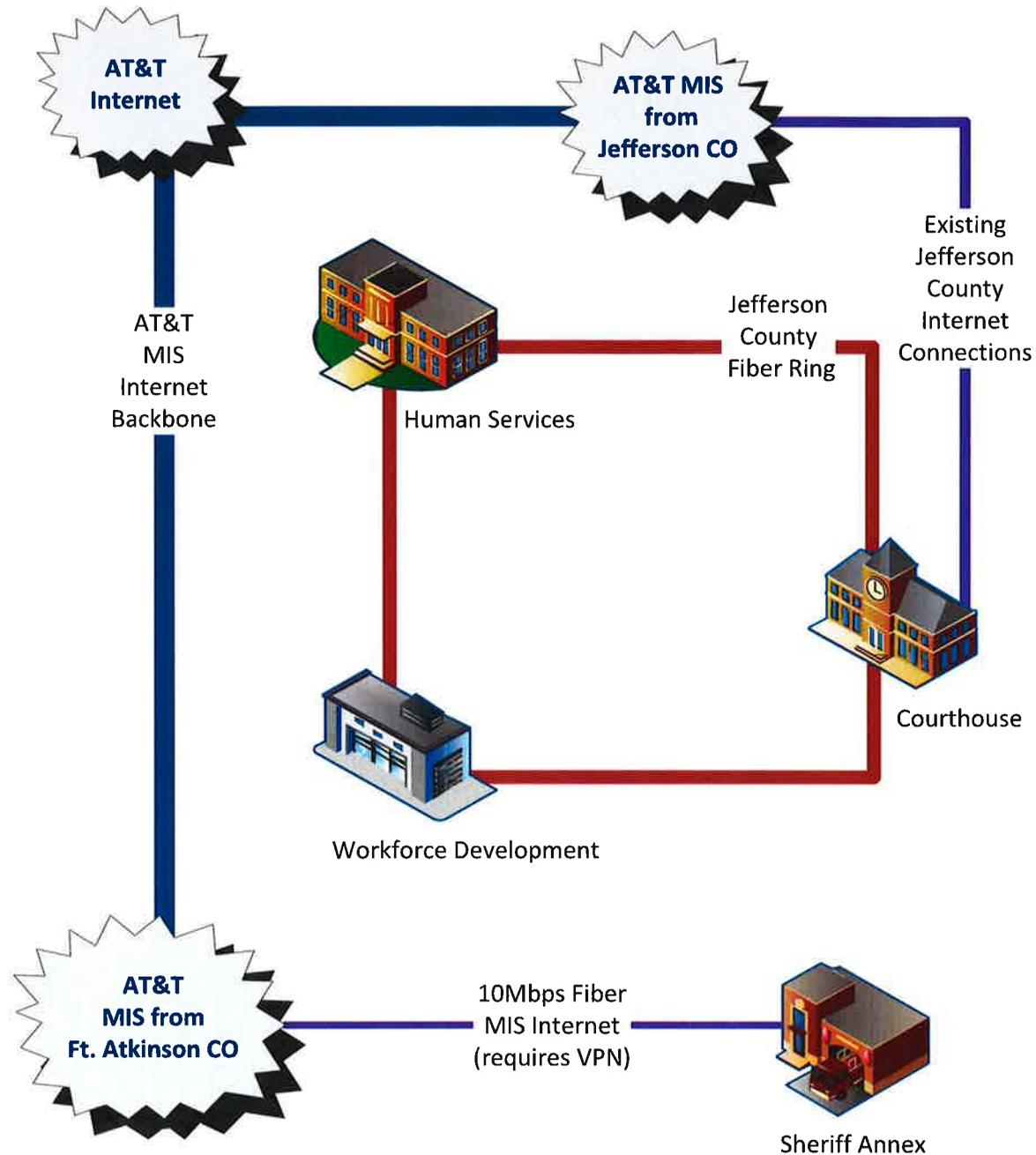
ISDN PRI Circuits	\$ 1,544.00
Local, ECC & LD Calls	\$ 2,258.11
Other Charges & Fees	\$ <u>379.59</u>
Current Monthly Cost	\$ 4,181.70

New PRI & IP Flex Costs

(23) IP Flex Call Paths	\$ 402.50
(2) T-1 MPLS (1.5Mbps)	\$ 700.00
(46) Promo IP Call Paths	\$ 350.00
Other Charges & Fees	\$ <u>153.56</u>
New Monthly Cost	\$ 1,606.06
Monthly Savings	\$ 2,575.64
Annual Savings	\$ 30,907.68

This option has excellent overall savings by completely converting to IP Flex, which eliminates almost all calling costs. This option also avoids any complexities with what Caller ID numbers we are able to send out because all DIDs will be on the IP Flex and none will be on traditional PRIs.

Annex Upgrade Option – Replace Existing T-1 with 10 Mbps Fiber MIS (Internet)



Upgrade to 10 Mbps Fiber MIS (Internet) at Sheriff's Annex

Annex Upgrade Cost Analysis

New 10Mbps Fiber Internet \$967.60

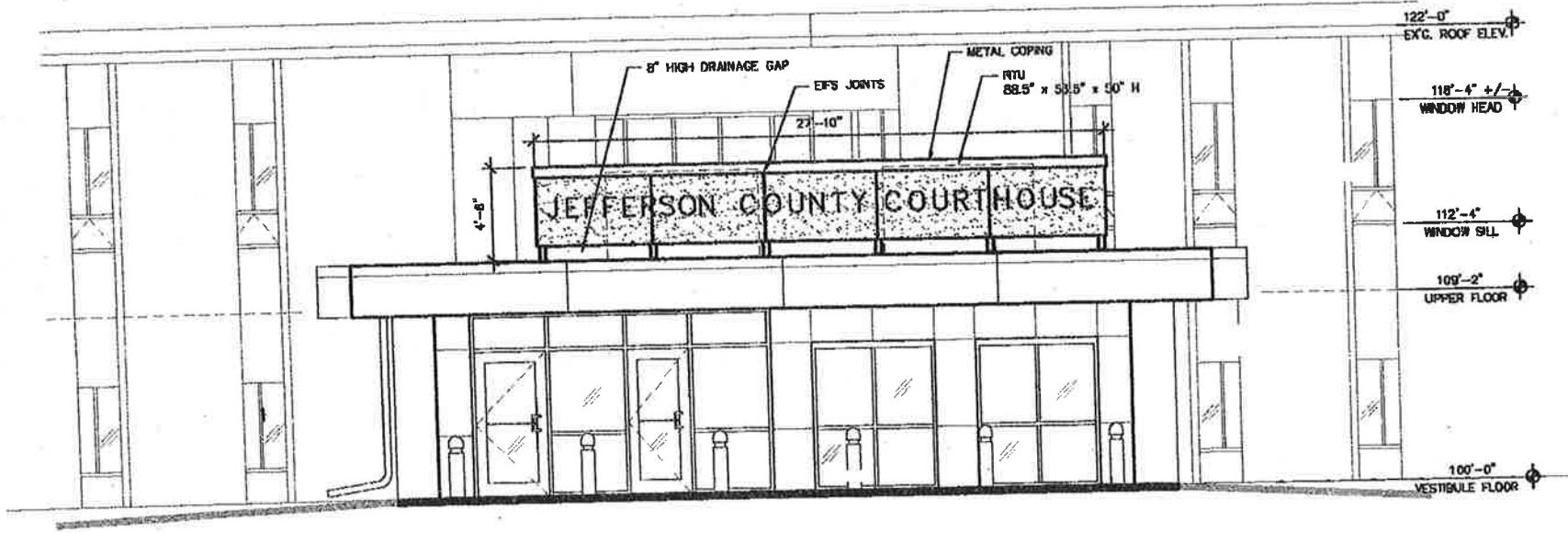
Subtract Current Costs:

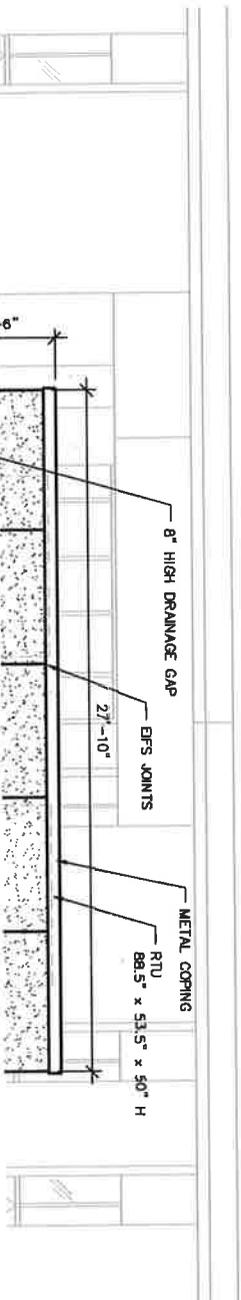
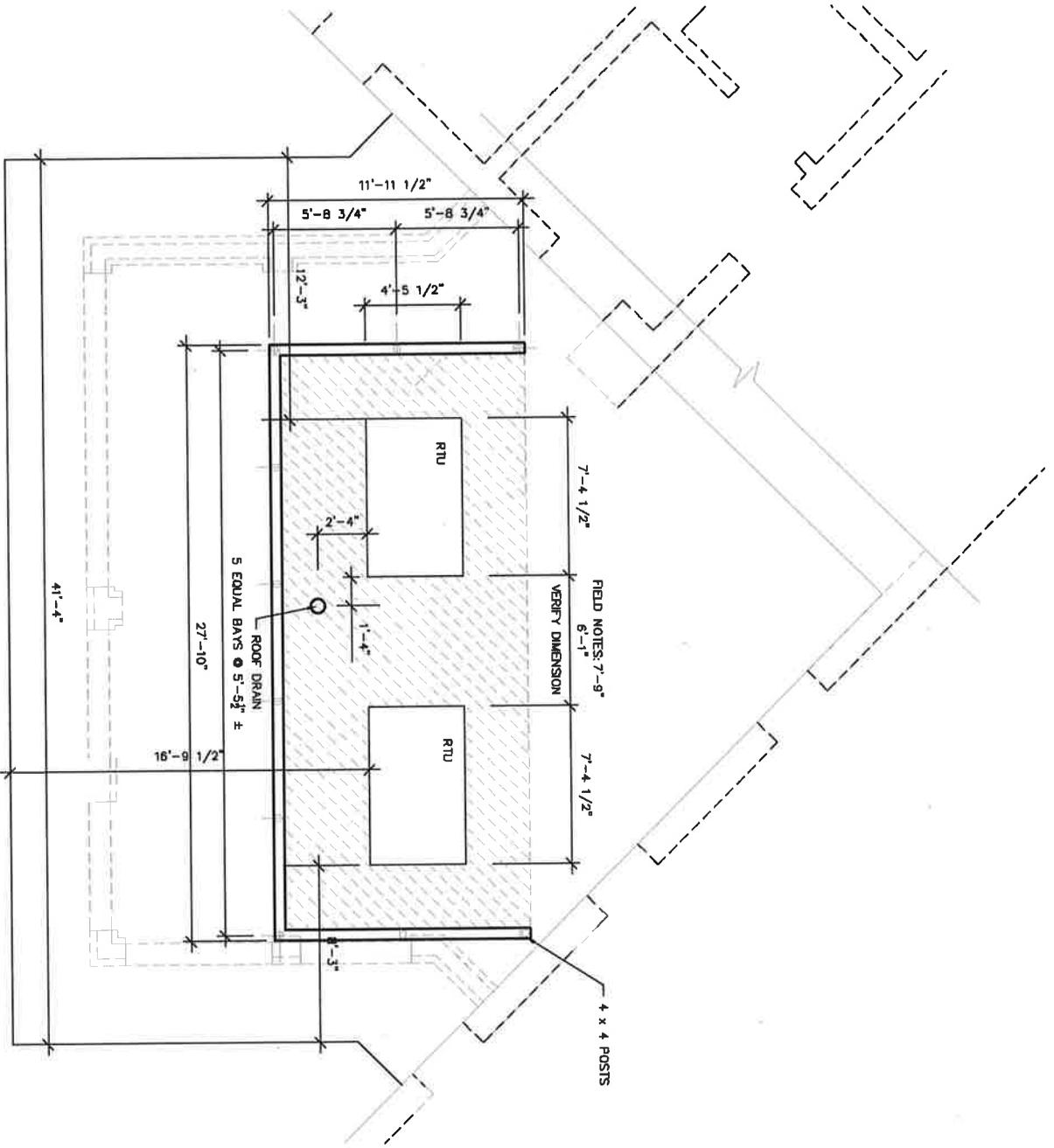
Existing Annex 1.5Mbps T-1 \$312.00

Existing (7) Centrex Lines \$ 75.00

Net Monthly Cost Increase \$580.60

This New 10Mbps Fiber Internet solution would replace the current slow and unreliable T-1 with a high-speed reliable fiber connection that will provide more than six (6) times the current bandwidth for the Annex. With this solution, IP Phones can also be installed at the Annex, allowing us to eliminate up to seven (7) of the existing Centrex lines, which will save another \$75/month. This option will require the installation of a VPN solution by the County.





HVAC GENERAL NOTES:

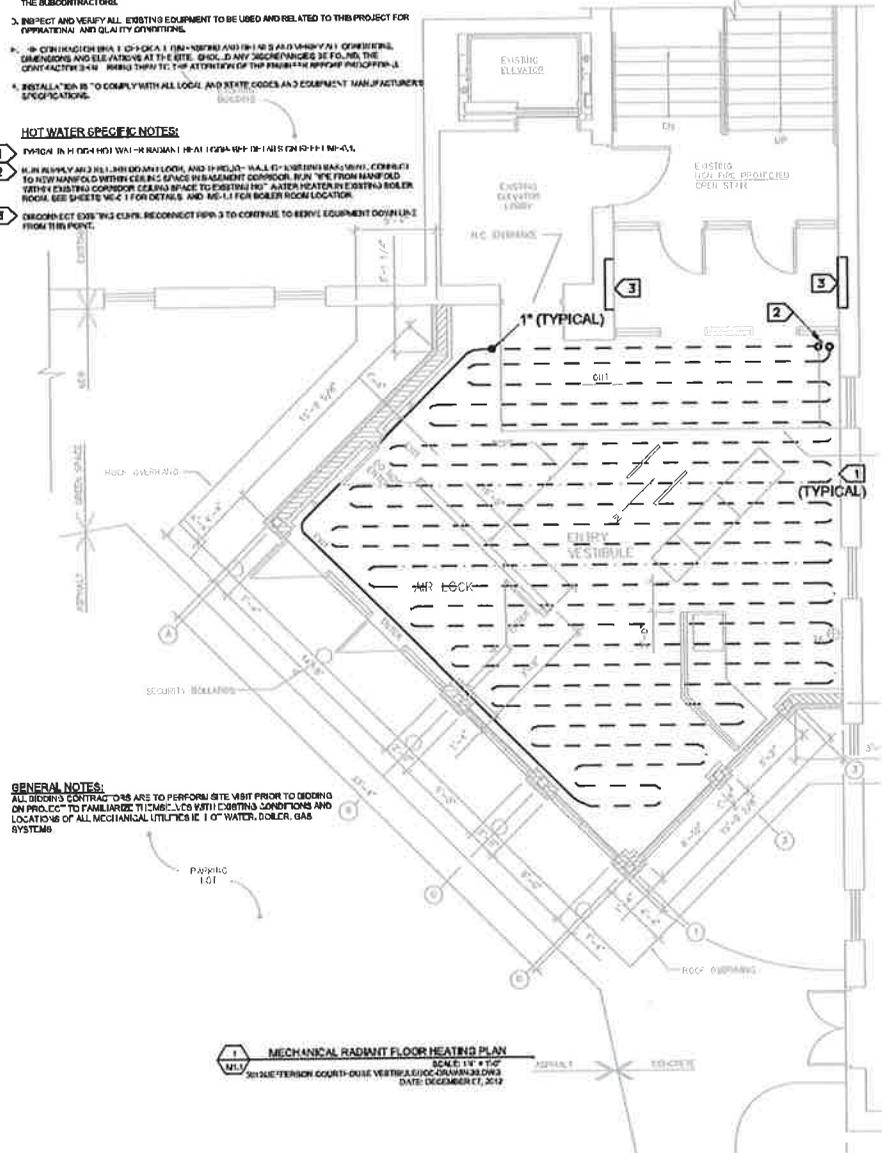
- A. HVAC DRAWINGS ARE TO BE USED WITH THE ENTIRE SET OF DRAWINGS. COORDINATE INSTALLATION OF NEW EQUIPMENT WITH ALL DISCIPLINE PLANS, DETAILS AND SPECIFICATIONS.
- B. ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED. MET-OSS OF CONSTRUCTION AND INSTALLATION OF MATERIALS ARE THE CONTRACTOR'S RESPONSIBILITY.
- C. THE CONTRACTOR IS RESPONSIBLE FOR DISSEMINATION OF ALL REVISIONS AND REQUIREMENTS TO THE SUBCONTRACTORS.
- D. INSPECT AND VERIFY ALL EXISTING EQUIPMENT TO BE USED AND RELATED TO THIS PROJECT FOR OPERATIONAL AND QUALITY CONDITIONS.
- E. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND DETAILS AND VERIFY ALL CONDITIONS, DIMENSIONS AND ELEVATIONS AT THE SITE. SHOULD ANY DISCREPANCIES BE FOUND, THE CONTRACTOR SHALL BRING THEM TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING.
- F. INSTALLATION TO COMPLY WITH ALL LOCAL AND STATE CODES AND EQUIPMENT MANUFACTURER'S SPECIFICATIONS.

HOT WATER SPECIFIC NOTES:

1. TYPICAL 1" HOT WATER RADIANT HEAT IN CONCRETE FLOOR IN ROOMS 101-102-103-104-105.
2. MAIN SUPPLY AND RETURN PIPING AND THERMALLY INSULATED MAINS SHALL BE CONNECTED TO EXISTING HOT WATER CEILING SPACE IN BASEMENT CORRIDOR. RUN THE FROM HANGERS WITH EXISTING CORRIDOR CEILING SPACE TO EXISTING HOT WATER HEATER IN EXISTING BOILER ROOM. SEE SHEETS ME-1 FOR DETAILS AND ME-1.1 FOR BOILER ROOM LOCATION.
3. DISCONNECT EXISTING PIPING TO CONTINUE TO SERVE EQUIPMENT DOWNLINE FROM THIS POINT.

GENERAL NOTES:

ALL DESIGN CONTRACTORS ARE TO PERFORM SITE VISIT PRIOR TO BIDDING ON PROJECT TO FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND LOCATIONS OF ALL MECHANICAL UTILITIES IE HOT WATER, BOILER, GAS SYSTEMS.



1 MECHANICAL RADIANT FLOOR HEATING PLAN
SCALE: 1/4" = 1'-0"
JEFFERSON COUNTY COURTHOUSE VESTIBULE, CO. DRAWING NO. 2012-001
DATE: DECEMBER 11, 2012

HVAC GENERAL NOTES:

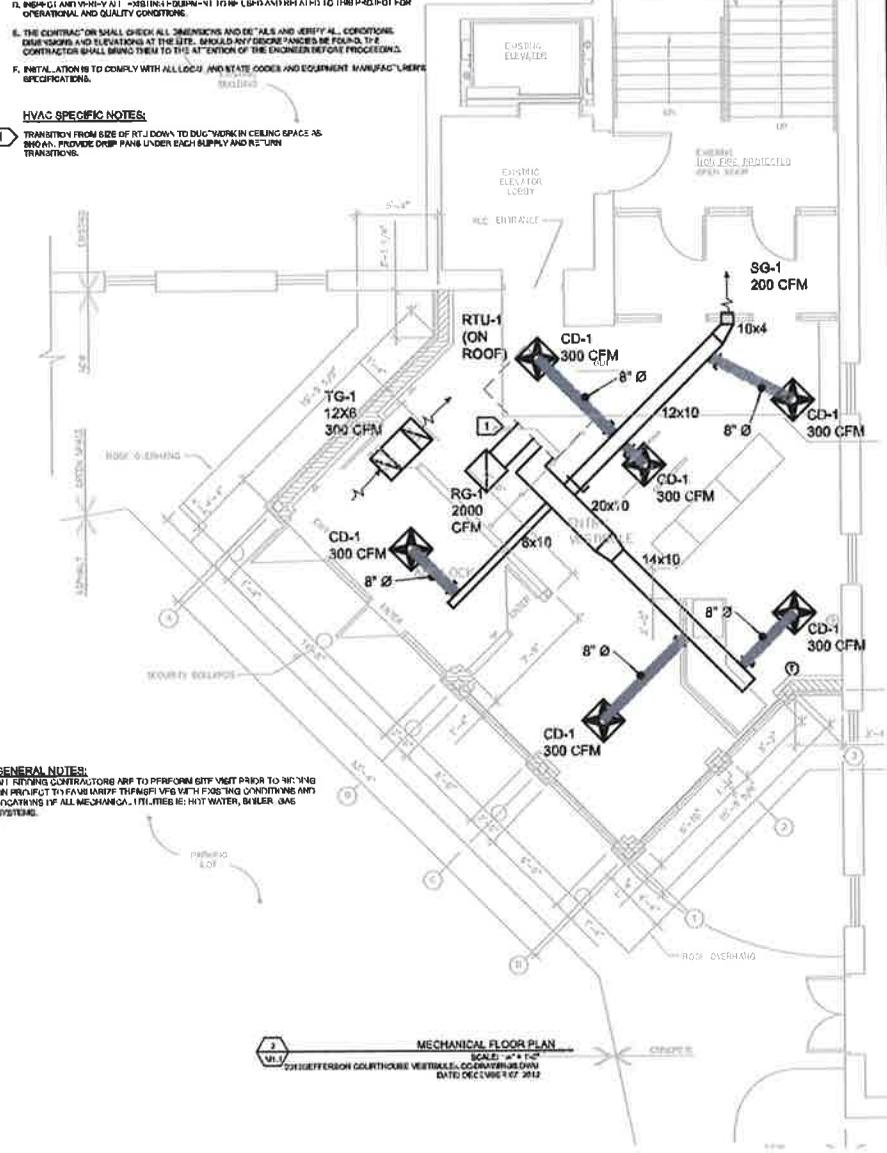
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- F. INSTALLATION TO COMPLY WITH ALL LOCAL AND STATE CODES AND EQUIPMENT MANUFACTURER'S SPECIFICATIONS.

HVAC SPECIFIC NOTES:

1. TRANSITION FROM SIZE OF RTU DOWN TO DUCTWORK IN CEILING SPACE AS SHOWN. PROVIDE DRAIN PANS UNDER EACH SUPPLY AND RETURN TRANSITIONS.

GENERAL NOTES:

ALL DESIGN CONTRACTORS ARE TO PERFORM SITE VISIT PRIOR TO BIDDING ON PROJECT TO FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND LOCATIONS OF ALL MECHANICAL UTILITIES IE HOT WATER, BOILER, GAS SYSTEMS.



2 MECHANICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"
JEFFERSON COUNTY COURTHOUSE VESTIBULE, CO. DRAWING NO. 2012-001
DATE: DECEMBER 11, 2012

Design Alliance Architects, Inc.
1001 Washington Avenue
Jefferson, WI
Phone: 262-566-2444
Fax: 262-566-7000

Jefferson County Courthouse
Secure Entry Vestibule
320 S. Main Street
Jefferson, WI

DRAWING NAMES

REVISIONS

PROJECT DATA

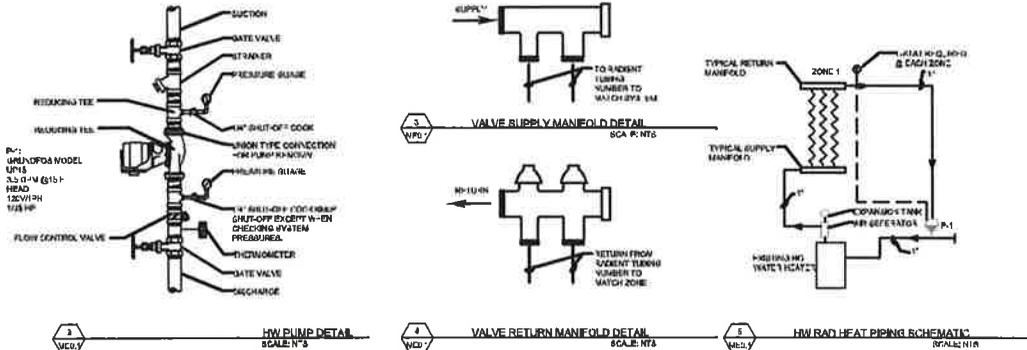
DATE: 12/07/2012
DRAWN BY: SE
CHECKED BY: DC

SHEET NO. M-1.1

SYMBOLS		
SYMBOL	DESCRIPTION	UNIT LIST
	2x2 LENSED RECESSED 8'x10' TROFFER, FLAT ALUMINUM DOOR NOTE - EMERGENCY FIXTURES ARE SHOWN ON THE 22 DRAWINGS - SEE SPECIFIC NOTES TO FOR THOSE FIXTURES MAINTAINANCE	
	DUCTWORK RISE	
	DUCTWORK DROP	
	VERTICAL FREE DAMPER	
	MICROTITANIUM FREE DAMPER	
	FLEXIBLE DUCT	
	SUPPLY FAN CEILING DIFFUSER	
	RETURN AIR CEILING DIFFUSER OR GRILLE	
	FIBERGLASS AIR CEILING DIFFUSER	15"
	RECTANGULAR DIFFUSER	15"
	ROUND DIFFUSER (15" DIA.)	15"
	MANUAL CALL STATION	45"
	SMOKE DETECTOR (PHOTO ELECTRIC IONIZATION, DUCTED)	
	COMBUSTIBLE APPLIANCE PROBE	40"
	DUCT MOUNTED SMOKE DETECTOR	

SYMBOL NOTES	
1.	EQUIPMENT SHALL BE INSTALLED AS INDICATED UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL PLANNING NOTES ON THE DRAWINGS, OR IN THE SPECIFICATIONS
2.	SEE SCHEDULES FOR EQUIPMENT MANUFACTURER AND CAPACITIES
3.	CAPITAL LETTERS ADJACENT TO SYMBOLS INDICATE UNIT TYPE, UNIT CAPACITIES
4.	"LIGHT LINE WELD" SYMBOLS INDICATE EXISTING OR FUTURE EQUIPMENT

NOTE AND DETAIL SYMBOLS	
	NOTE AND DETAIL SYMBOLS
	DETAIL REFERENCE SYMBOLS (RHS: 1 NUMBER(S) TO DETAIL NUMBER(S) TOP; LHS: 1 NUMBER(S) TO DETAIL NUMBER(S) BOTTOM)



LIGHT FIXTURE SCHEDULE						
TYPE	DESCRIPTION	QUANTITY	MARKING	UNIT CONTROL	MANUFACTURER & SERIES	NOTES
A1	2x2 LENSED RECESSED 8'x10' TROFFER, FLAT ALUMINUM DOOR NOTE - EMERGENCY FIXTURES ARE SHOWN ON THE 22 DRAWINGS - SEE SPECIFIC NOTES TO FOR THOSE FIXTURES MAINTAINANCE	2 LAMP 1x1 1/4 REGS	RECESSED IN ACT FAN STOP POSITION	ACRYLIC PRISMATIC FINES	LITHONIA "DTP" SERIES OR APPROVED EQUAL	100 VOLT NOTES 1A, 1C
B1	8" DIAMETER COMPACT FLOOR SCENT DOWNLIGHT AIR LOCK ENTRANCE	11 AMP 30 TRIPLE TUBE REGS	RECESSED IN EXTERIOR OFFSET	CLERK ANGLE DIFFUSE REFLECTOR	LITHONIA "AVP" SERIES	100 VOLT NOTES 1A
M1	10" DIA. RECESSED HD DOWNLIGHT (OPEN LAMP RATED) (EMERGENCY AREA DOWNLIGHT)	11 AMP 100 WATT LED 47 MCD WMP RATED	RECESSED IN EXTERIOR OFFSET	CLEAR ANGLE DIFFUSE REFLECTOR	LITHONIA "AVP" SERIES	100 VOLT NOTES 1A
C1	EXIT LIGHT WITH EMERGENCY BATTERY (NO HEADS) - SEE E1 SERIES DRAWINGS FOR SPECIFICATIONS AND CALCULATIONS - SEE CUT SHEETS FOR BATTERY RATINGS NOTE - FIXTURES ON DRAWINGS WITH "40" INDICATED 40W OUTPUT BATTERY	LED	SURFACE MOUNTED	RED POLYCARBONATE FINES	LITHONIA "LDM" SERIES OR APPROVED EQUAL	100 VOLT NOTES 1B
D1	EMERGENCY BATTERY PACK - SEE E1 SERIES DRAWINGS FOR SPECIFICATIONS AND CALCULATIONS - SEE CUT SHEETS FOR BATTERY RATINGS	2 AMP 6W CRYSTAL LAMP	SURFACE-WALL	MULTI-FACETED REFLECTOR	LITHONIA "ELM" SERIES OR APPROVED EQUAL	100 VOLT NOTES 1B
E1	EXIT LIGHT EQUIPPED WITH EMERGENCY BALLAST - SEE E1 SERIES DRAWINGS FOR SPECIFICATIONS AND CALCULATIONS - SEE CUT SHEETS FOR BATTERY RATINGS	2 AMP 6W WEDGE BASE NEON LAMP	SURFACE-WALL	MULTI-FACETED REFLECTOR	LITHONIA "ELM" SERIES OR APPROVED EQUAL	100 VOLT NOTES 1B
E2	EXIT LIGHT EQUIPPED WITH EMERGENCY BALLAST - SEE E2 SERIES DRAWINGS FOR SPECIFICATIONS AND CALCULATIONS - SEE CUT SHEETS FOR BATTERY RATINGS	2 AMP 6W WEDGE BASE NEON LAMP	SURFACE-WALL	MULTI-FACETED REFLECTOR	LITHONIA "ELM" SERIES OR APPROVED EQUAL	100 VOLT NOTES 1B

GENERAL NOTES

A. SEE ARCHITECTURAL PLANS & DETAILS, AND ELECTRICAL FLOOR PLANS FOR ADDITIONAL OR OVER-RIDING MOUNTING INFORMATION

SPECIFIC NOTES - NOT TO ALL UNLESS INDICATED

"A" FIXTURE TO BE PROVIDED WITH ELECTRONIC BALLAST

"B" FIXTURE TO BE PROVIDED WITH PULSE START BALLAST

"C" PROVIDE EMERGENCY BALLAST IN EMERGENCY FIXTURES - SEE E1 SERIES DRAWINGS FOR PARTICULAR FIXTURES AND CALCULATIONS

2A. FIXTURE HOUSING AND CRYSTAL COLOR TO MATCH

2B. FIXTURE HOUSING AND CRYSTAL COLOR TO BE BLACK

SPECIFIC NOTES (CONT'D)

1. PROVIDE STYLE ACCESSIBLE FACE, ARROWS, AND MOUNTING AS INDICATED ON FLOOR PLANS, WALL MOUNTED FIXTURES TO BE ABOVE DOOR LINTEL AT CONSTANT HEIGHTS

MECHANICAL SHEET INDEX	
MECA1	TITLE SHEET, SYMBOLS, SCHEDULES, AND DETAILS - MECHANICAL (MECA) - (MECA)
MECA2	MECHANICAL SPECIFICATIONS
MECA3	ELECTRICAL SPECIFICATIONS
ME1.1	UTILITY LOCATION CONNECTION PLAN - MECHANICAL (MECA) - (MECA)
ME1.2	MECHANICAL FLOOR PLANS
E1.1	ELECTRICAL FLOOR PLANS
E1.2	EMERGENCY LIGHTING FLOOR PLANS

RTU SCHEDULE	
UNIT NUMBER	RTU #
MODEL NUMBER (FRAME)	YH JET 30RMA
R-199 V FAN CFM	1603 CFM
EXIT STATIC PRESSURE	.5
BLOWER HP	.78
RET. AIR FAN CFM	---
EXIT STATIC PRESSURE	---
IN EXHAUST HP	---
% OUTSIDE AIR	10
ECONOMIZER	"ES"
INPUT NEI	60
FILLING 1/2 HP	48
TOTAL COOLING MDH	50 B
3-TUBE COOLING MDH	---
AMBIANT AIR TEMP (OUT)	95°F
AMBIANT AIR TEMP (IN)	75°F
VOL 1 (ASH-PHASE)	108A
MCA	48 D

GENERAL NOTES

A. SEE PLANS AND DETAILS FOR ADDITIONAL OR OVER-RIDING INFORMATION

B. PROVIDE "RELIABLE" MICROPROCESSOR UNIT CONTROLS

C. PROVIDE "STARTER DISCONNECT"

D. PROVIDE POWERED CONVENIENCE OUTLET

Design Alliance Architects, Inc.
1000 Madison Avenue
New Rochelle, NY

Jefferson County Courthouse
Secure Entry Vestibule
320 S. Main Street
Jefferson, WI

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REVISIONS

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